### Michigan Geographic Framework Interagency GIS

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## Michigan Geographic Framework What is it?

- Michigan's statewide digital GIS base map
- Contains most commonly needed themes
- Designed to be a springboard to applications
- Program is designed to keep map current
- Program is designed to keep associated data current
- Centralized IT Spatial Integration



# Michigan Geographic Framework Where did it come from?

- Early 1990's 3 statewide base maps
- MDNR
  - MIRIS
- MDOT
  - Bureau of Planning
    - GIS Mapping on a version of MIRIS
- MDMB
  - Michigan Information Center
    - Updated TIGER/Line File (with new roads/addresses)

## Michigan Geographic Framework - Who's involved?

- Michigan state agencies: DMB, DNR, MDOT, DEQ, MSP, Agriculture, DOS, FIA
  - \$15 million investment
- Regions: SEMCOG, Tri-County
- County GIS Departments
- County Road Commissions
- Cities/Townships
- U.S. Census Bureau, USGS, Michigan Tech/RoadSoft

### Michigan Geographic Framework 1996 - 1998

- Conflation of TIGER to MIRIS
- CGI partnered with Southeast Michigan Council of Governments to finish 7 counties in Detroit Metro Region

### Michigan Geographic Framework 1998 - 2001

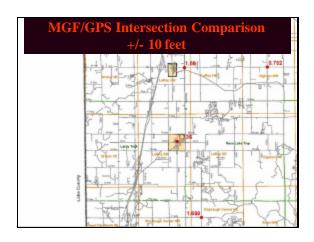
- Reconciliation of existing non-GIS Linear (MALI) Referencing System to GIS
  - Corrections made to MALI LRS and GIS
  - Complete LRS for all roads in the state

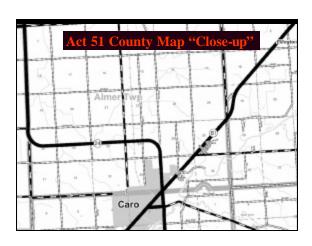
### Michigan Geographic Framework 2000 - 2001

- County boundary reconciliation
- · Jurisdictional boundaries statewide
- Integration of additional transportation attributes (bridge id, NFC, ownership, etc)
- Census 2000 polygons
- · Re-positioning the MGF
- · New measurements at all PR intersections

# Michigan Geographic Framework 2002-Present

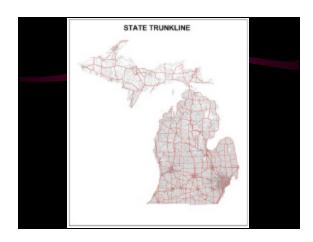
- Integration with the Transp. Mgmt. System
- Integration of Sufficiency Control Sections
- · HPMS integration
- Hydrographic linear referencing system (EPA river reach) pilot
- Rail linear referencing
- Other systems (pipeline, trail, etc.)
   National Pipeline State Repository
- Act 51 Reconciliation

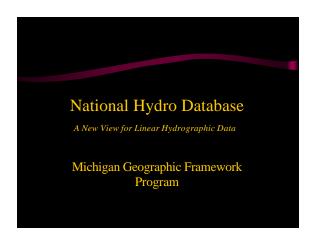




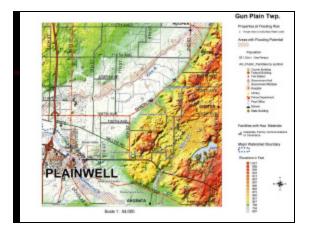
	Certified Mileage July 1, 2002 to June 30, 2003
	MAJOR STREET SYSTEM 6.56 HLES
	LOCAL STREET SYSTEM 12.06 HLES
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LENGTHS MEA	SURED FROM THE MICHIGAN GEOGRAPHIC FRAMEWORK
LENGTHS MEA	SURED FROM THE MICHIGAN GEOGRAPHIC FRAMEWORK  MAJOR STREET SYSTEM 680 MLES



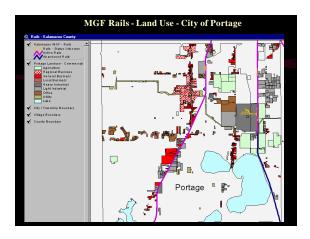












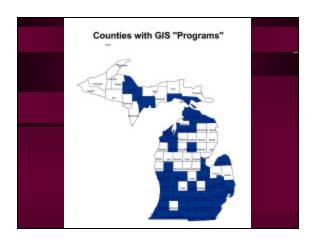
### Qualified Voter File (QVF) Help America Vote Act

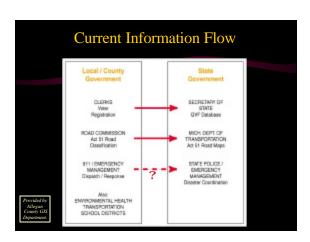
Statewide Voter Registration System Currently in Oracle Database

Street Index with Election Geography contains voters (similar to a Master Street Address Guide MSAG)

# Move QVF street index to a Geographic Information Systems (GIS) platform; Framework.

# The Michigan Geographic Framework Network Partnerships to Keep the Map Current Michigan Geographic Framework Program





# Future Life-Cycle of Road Information for Allegan County Local / County Greet remet Local / County Greet remet



